

Title (en)
Speech communication system and method.

Title (de)
Sprachkommunikationssystem und Verfahren.

Title (fr)
Système et méthode de communication de parole.

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Application
EP 89306614 A 19890629

Priority
US 92738086 A 19861106

Abstract (en)
[origin: EP0405029A1] An electronic system and method for communicating and composing messages by means of speech spoken into a microphone (11). Speech signals output by a microphone when select words of speech are spoken therein, are computer processed and analyzed by a computer (19) to generate select code signals. The body of a message is formed either of such code signals generated when select speech is spoken and computer analyzed or when the results of such analysis, select code signals, are employed to query a memory in which a plurality of messages are stored, to selectively reproduce a message or messages therefrom to comprise the information or message desired to be transmitted. The identity of the sender or message composer and one or more recipients of the message or messages so formed, are functions also effected by the computer analysis of speech signals generated when select words of speech are spoken into the microphone. Routing instructions or switching codes for the message are also generated as a result of speaking select speech into the microphone, either by computer analysis of each word or group of words spoken to generate codes defining the switching codes or by employing codes to generated to query a memory to generate the switching signals and incorporate same in a series of code signals defining the message to be transmitted, the identity of the sender and recipient(s) and such switching code signals. In a modified form of the invention, all or part of the body of a message is formed of digitized analog speech signals generated when words of speech defining the message are spoken into a microphone is sequence with other words of speech defining the recipient of the message and routing instructions or switching signals. Other functions relating to the message or messages so generated may also be controlled by computer analysis of speech signals defining select control commands.

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